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(71) Applicant and

(72) Inventor: ABDUR-RASHID, Kamaluddin [CA/CA]; 3816 Morning Star Drive, Mississauga, Ontario L4T 1Y9 (CA).

(74) Agent: BERESKIN & PARR; 40 King Street West, Suite 4000, Toronto, Ontario M5H 3Y2 (CA).

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(57) Abstract: A process for the catalytic hydrogenation or asymmetric hydrogenation of imines of Formula (I) to the corresponding amines of Formula (II) is provided in which R^1 is aryl; R^2 is aryl, cyclic, alkyl, alkenyl or alkynyl; and R^3 is alky l. The catalytic system includes a ruthenium complex containing (1) a diamine and (2) a diphosphine or two monodentate phosphines ligands. Such

process also relates to the asymmetric hydrogenation of prochiral imines to the chiral amines using chiral ruthenium complexes bearing chiral diphosphines or chiral monodentate phosphines and chiral diamines.